

Fig. 1

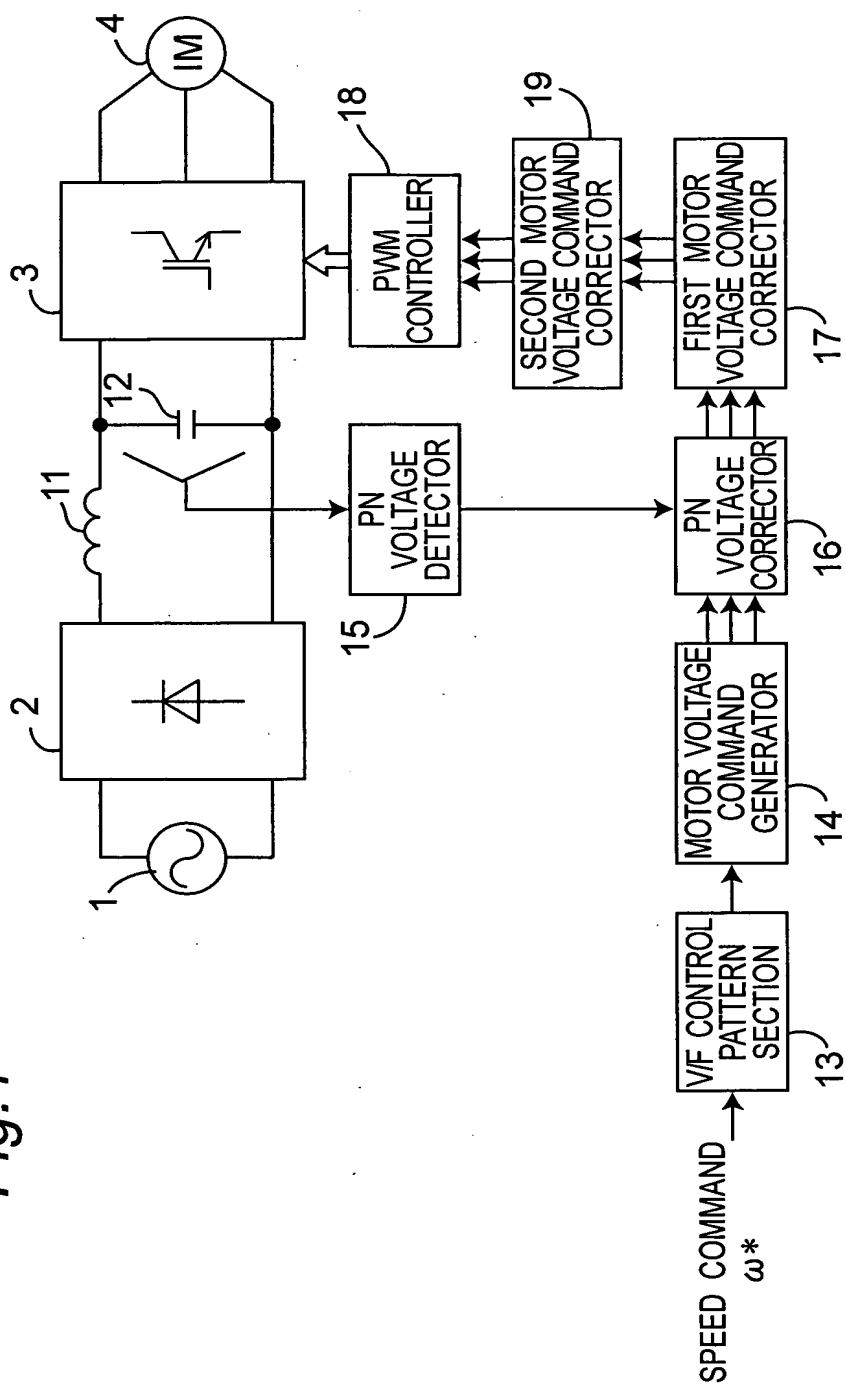


Fig.2

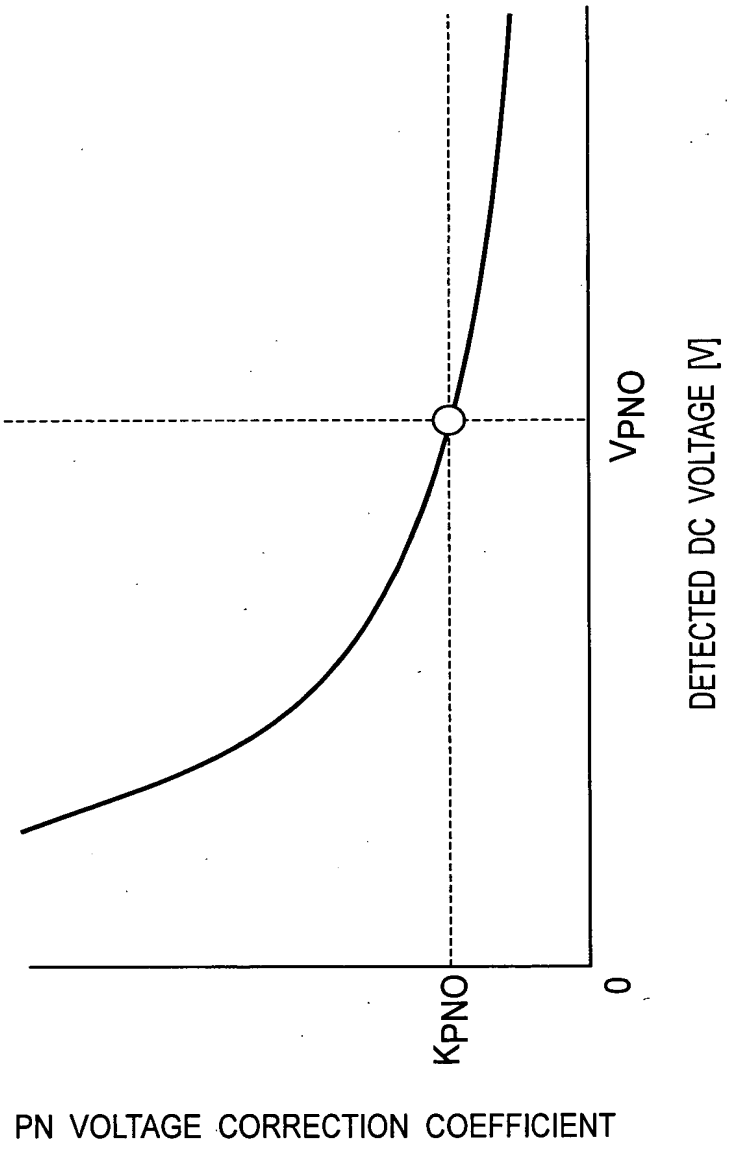


Fig.3A

DETECTED DC VOLTAGE	
V_{pn}	240V

FIRST CORRECTED MOTOR VOLTAGE COMMAND	
V_{uh1}^*	200V
V_{vh1}^*	90V
V_{wh1}^*	0V

→

SECOND CORRECTED MOTOR VOLTAGE COMMAND	
V_{uh2}^*	200V
V_{vh2}^*	90V
V_{wh2}^*	0V

Fig.3B

DETECTED DC VOLTAGE	
V_{pn}	240V

FIRST CORRECTED MOTOR VOLTAGE COMMAND	
V_{uh1}^*	300V
V_{vh1}^*	180V
V_{wh1}^*	0V

→

SECOND CORRECTED MOTOR VOLTAGE COMMAND	
V_{uh2}^*	200V
V_{vh2}^*	144V
V_{wh2}^*	0V

Fig.4

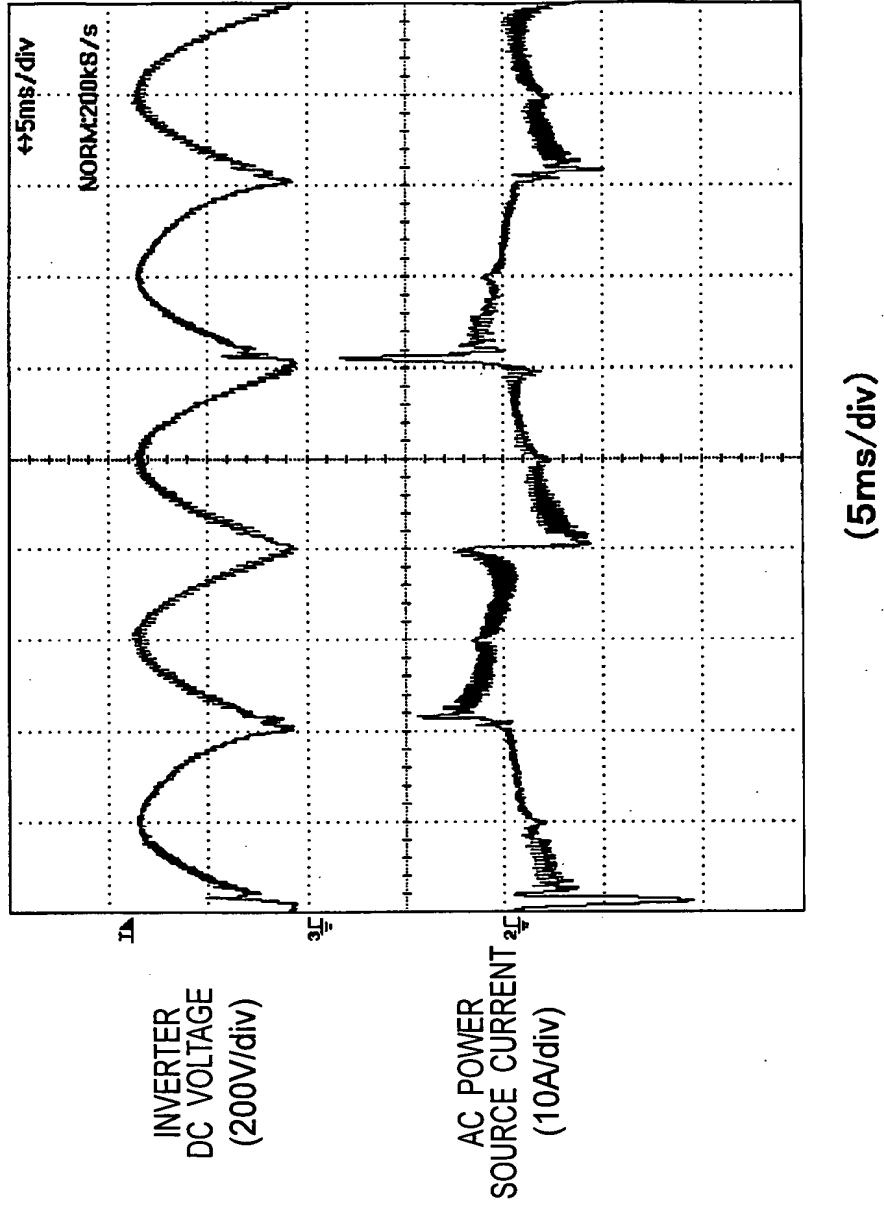


Fig.5

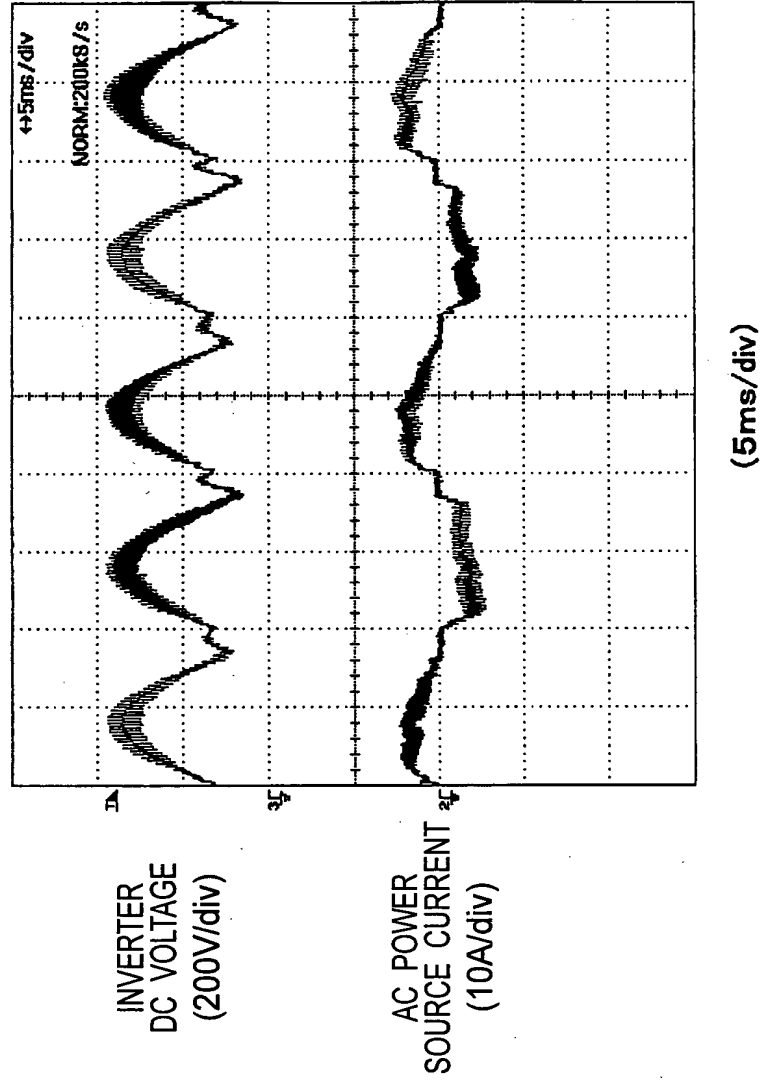


Fig. 6

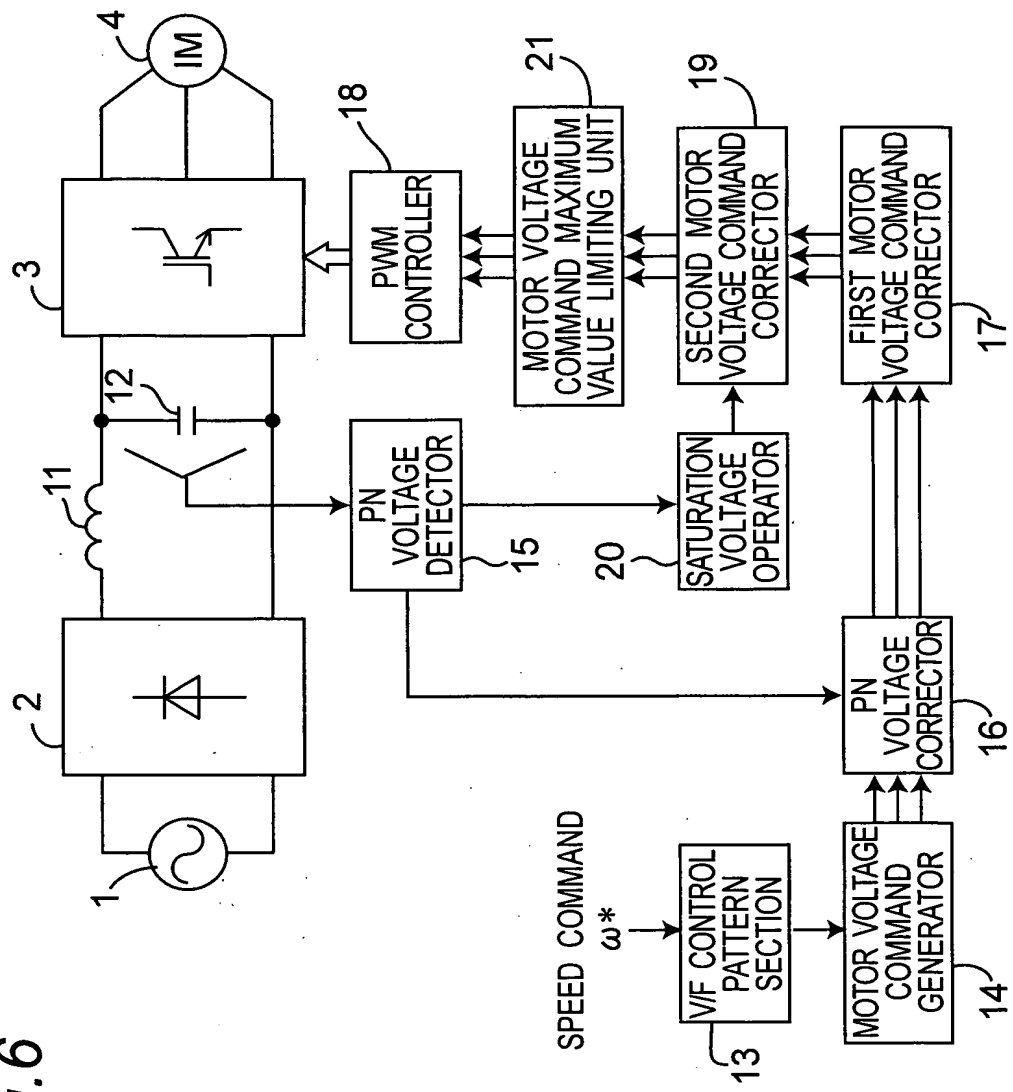


Fig.7A

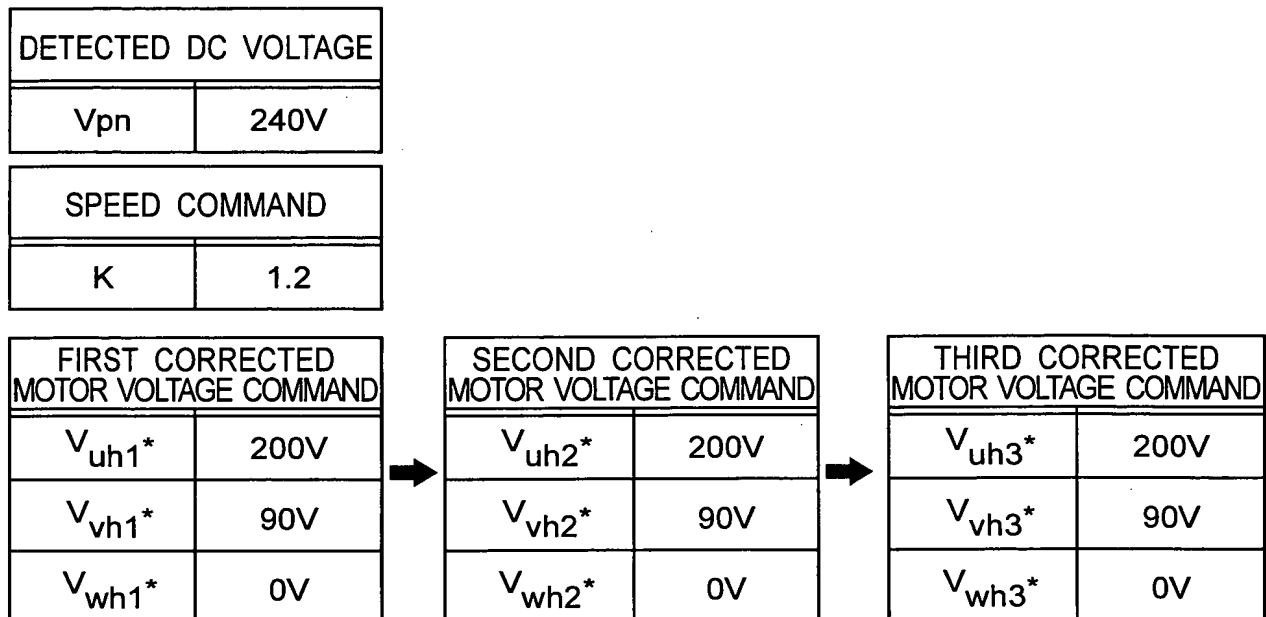


Fig.7B

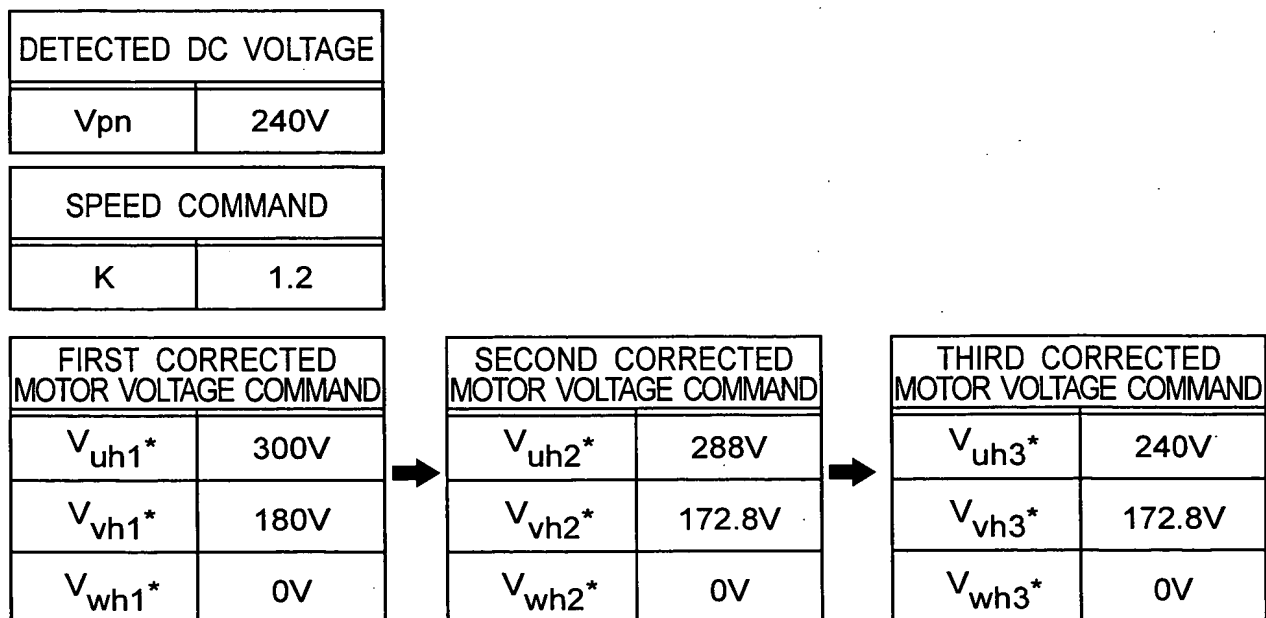


Fig.8

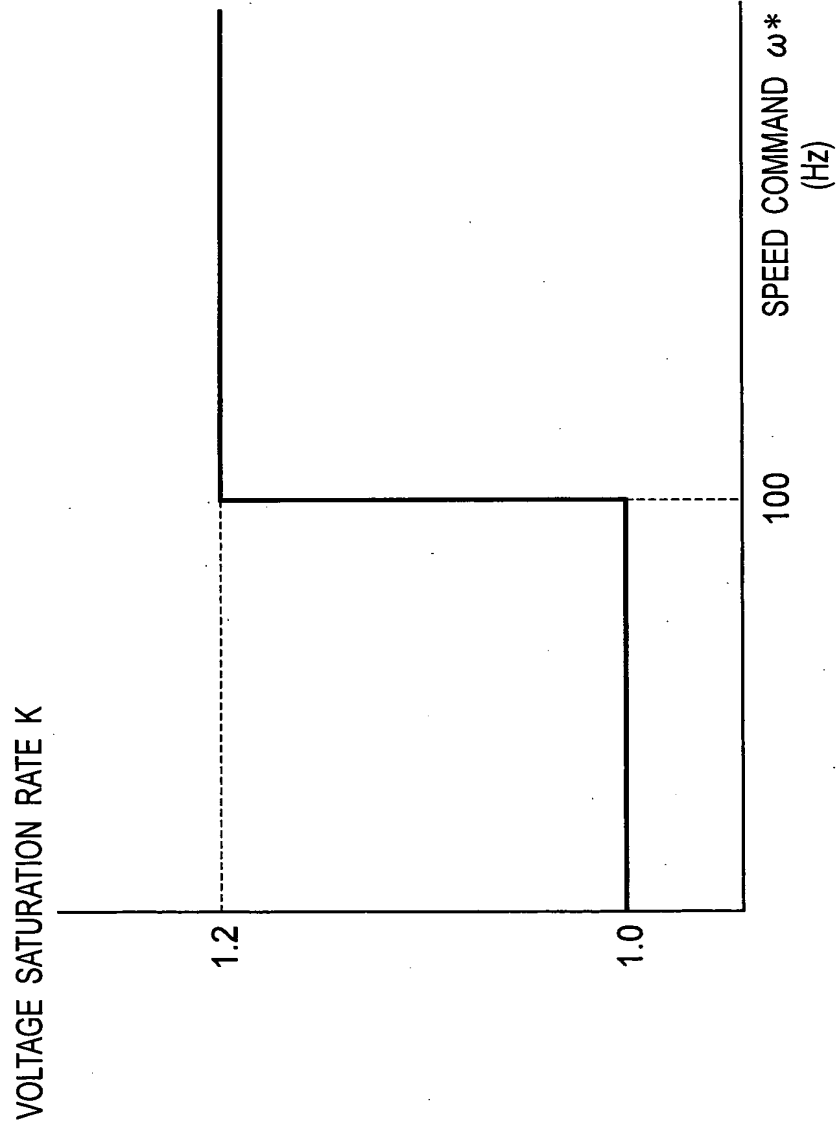


Fig.9

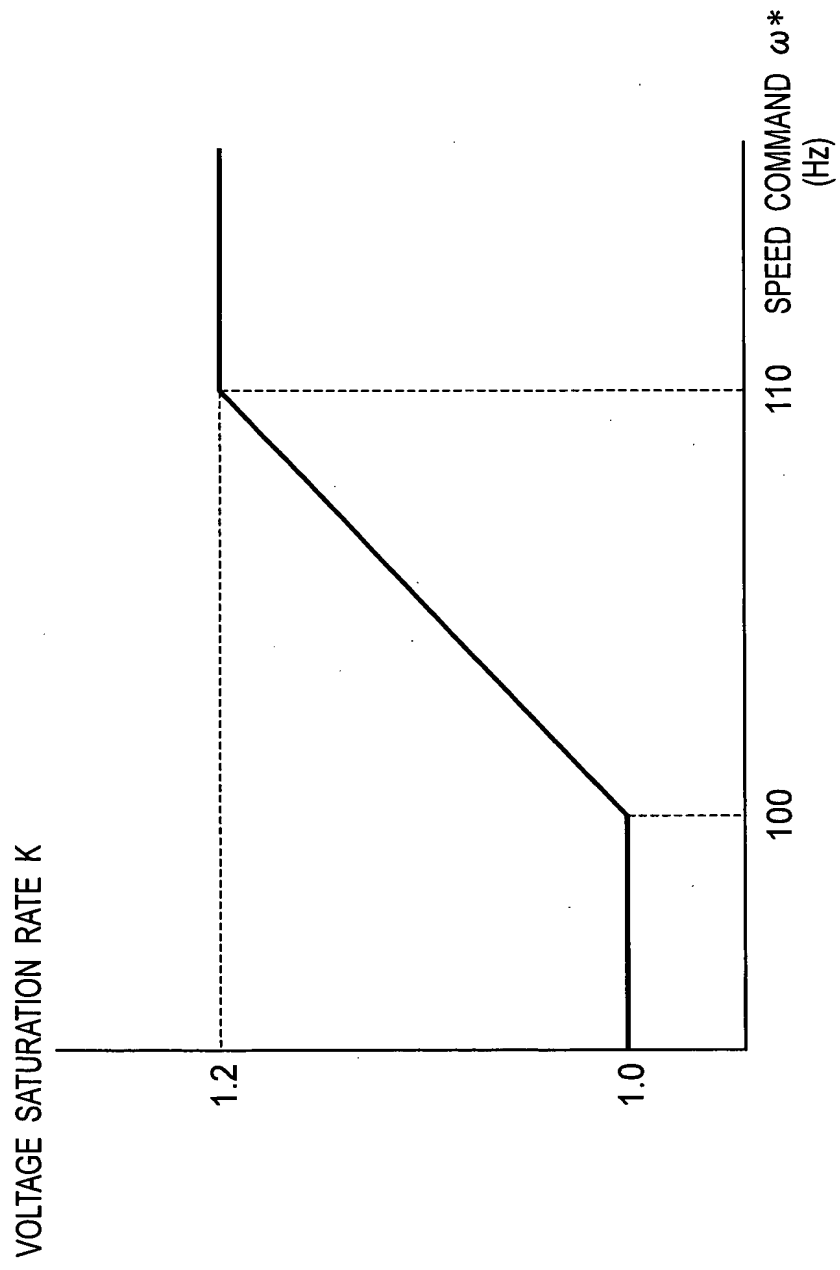


Fig.10

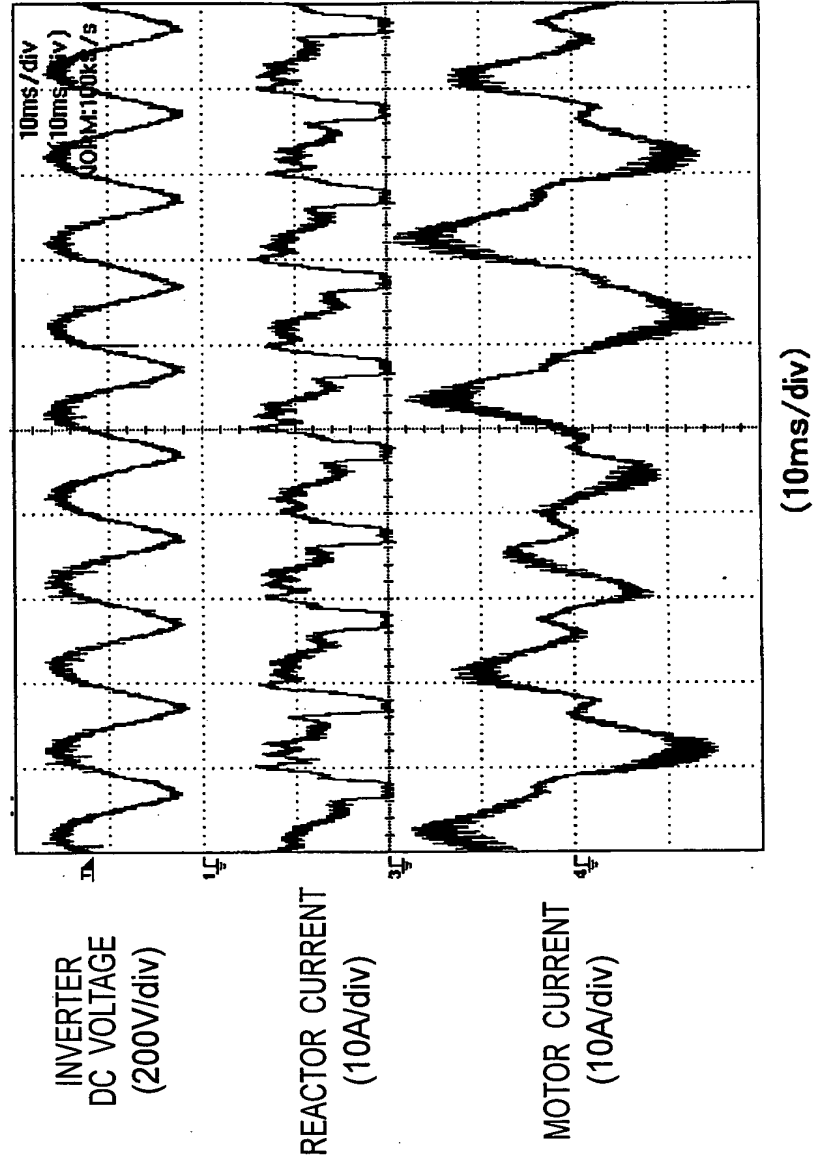


Fig.11

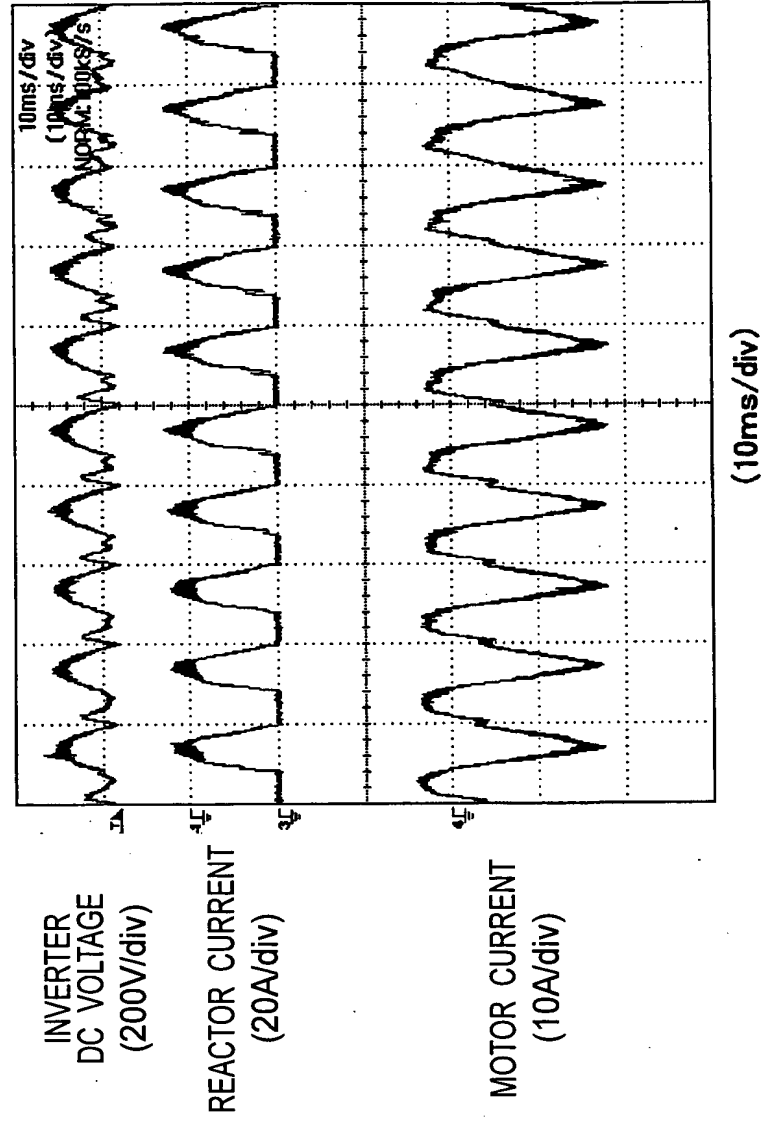


Fig.12

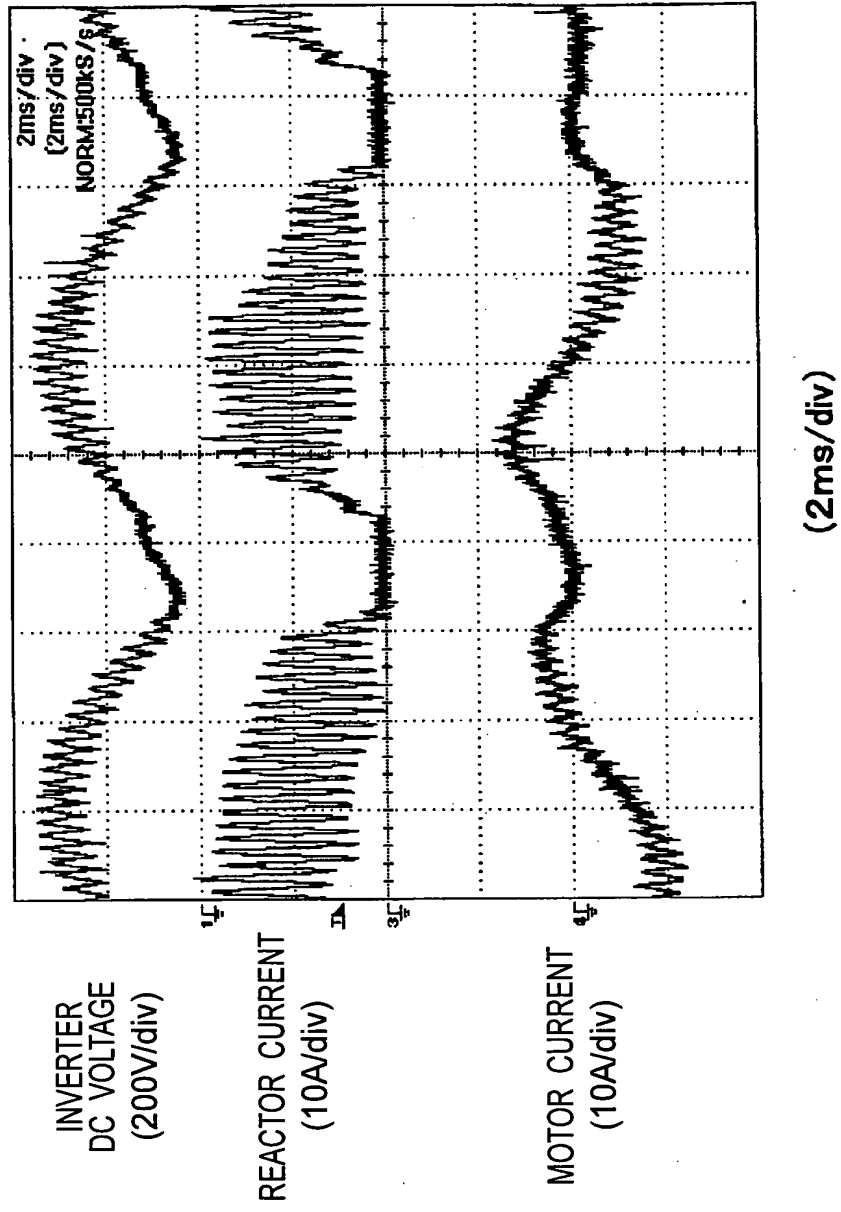
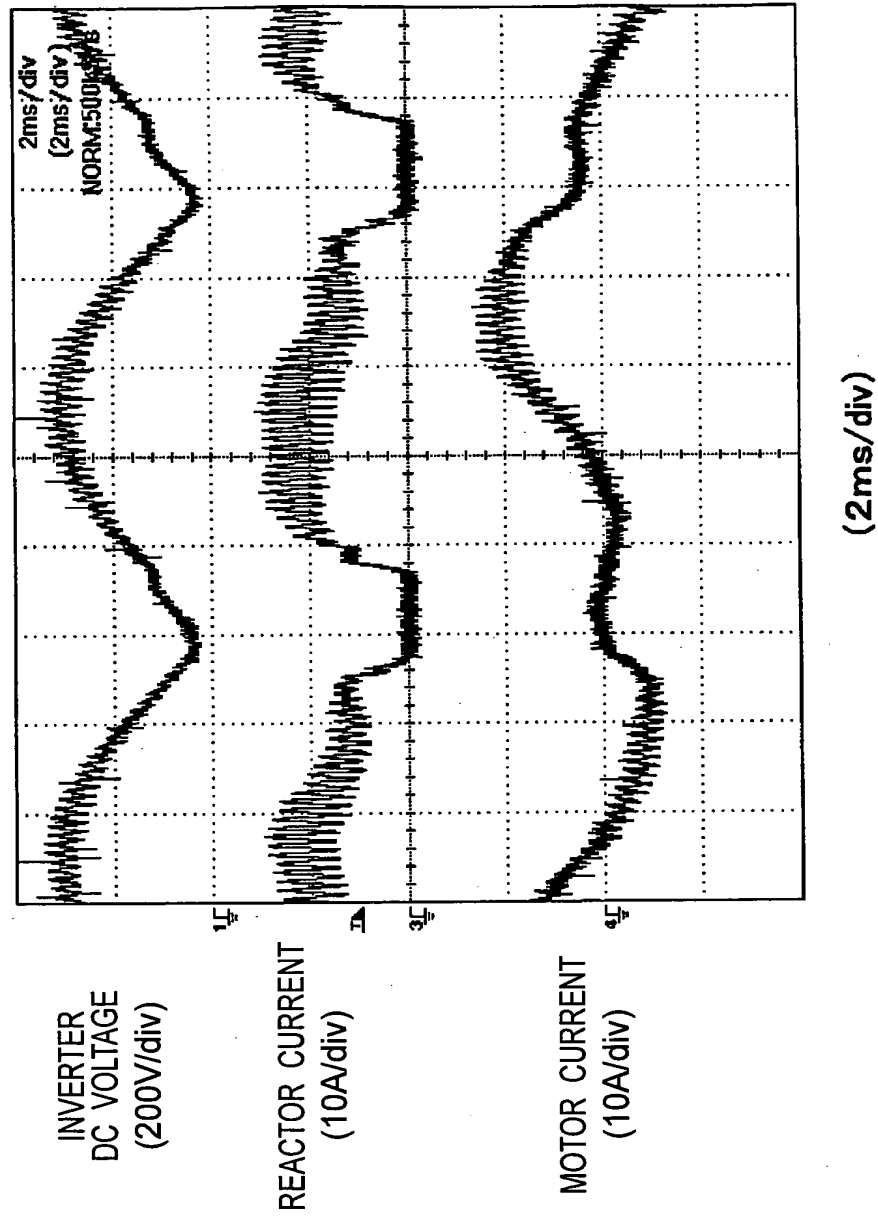


Fig.13



INVERTER
DC VOLTAGE
(200V/div)

REACTOR CURRENT
(10A/div)

MOTOR CURRENT
(10A/div)

2ms/div
(2ms/div)
100mA/500kS/s

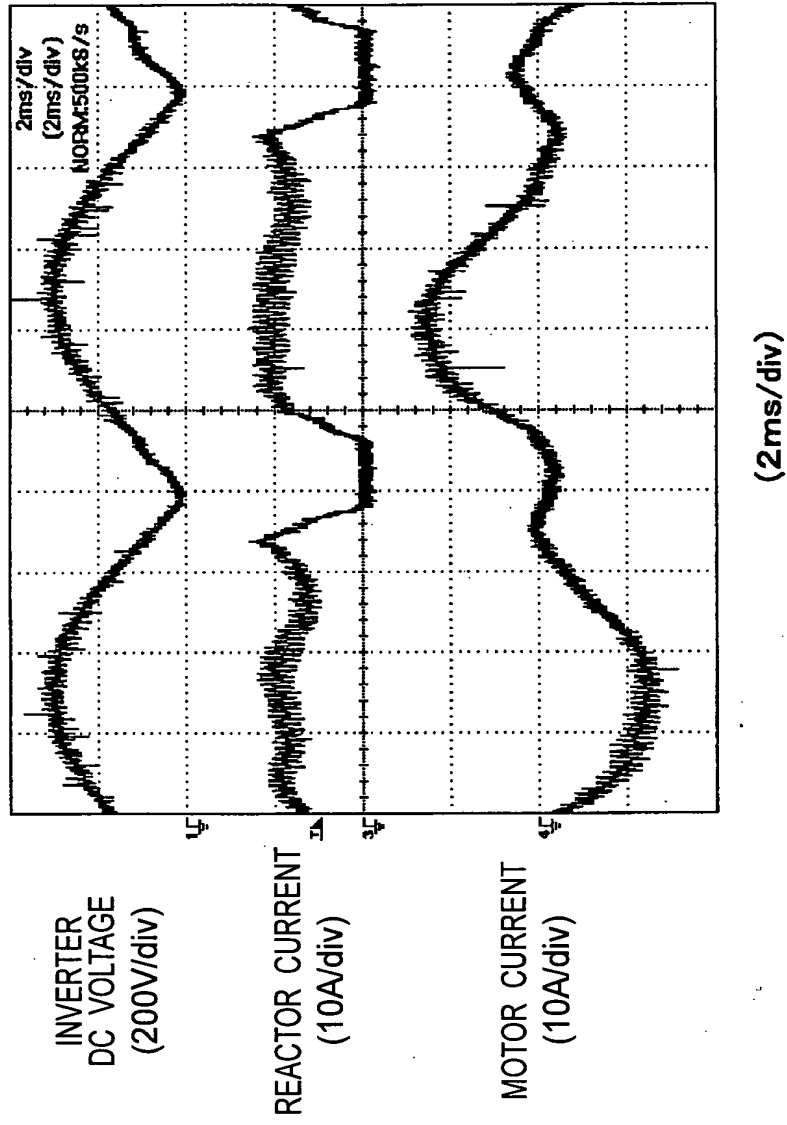


Fig.15

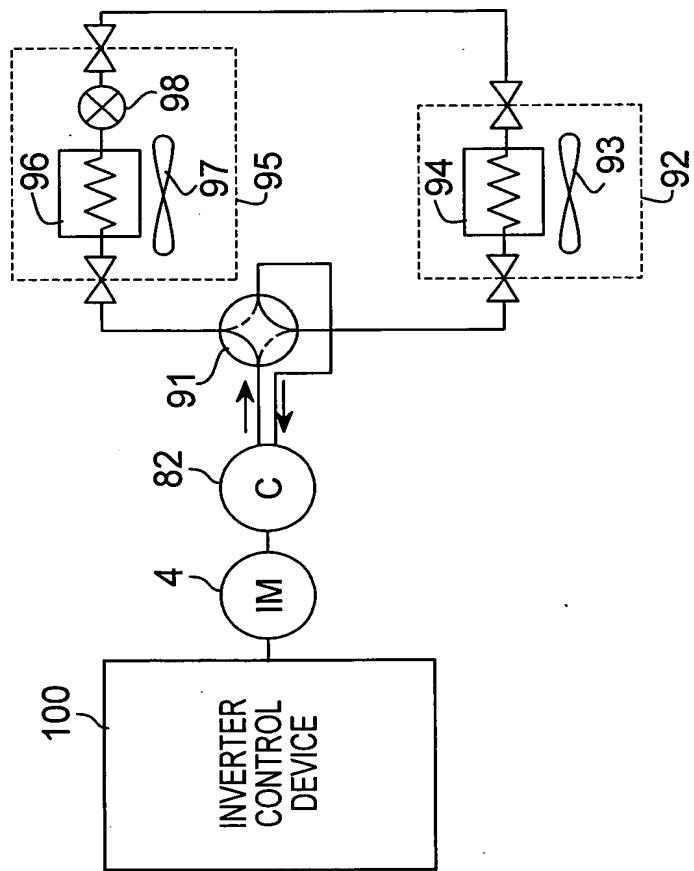


Fig. 16

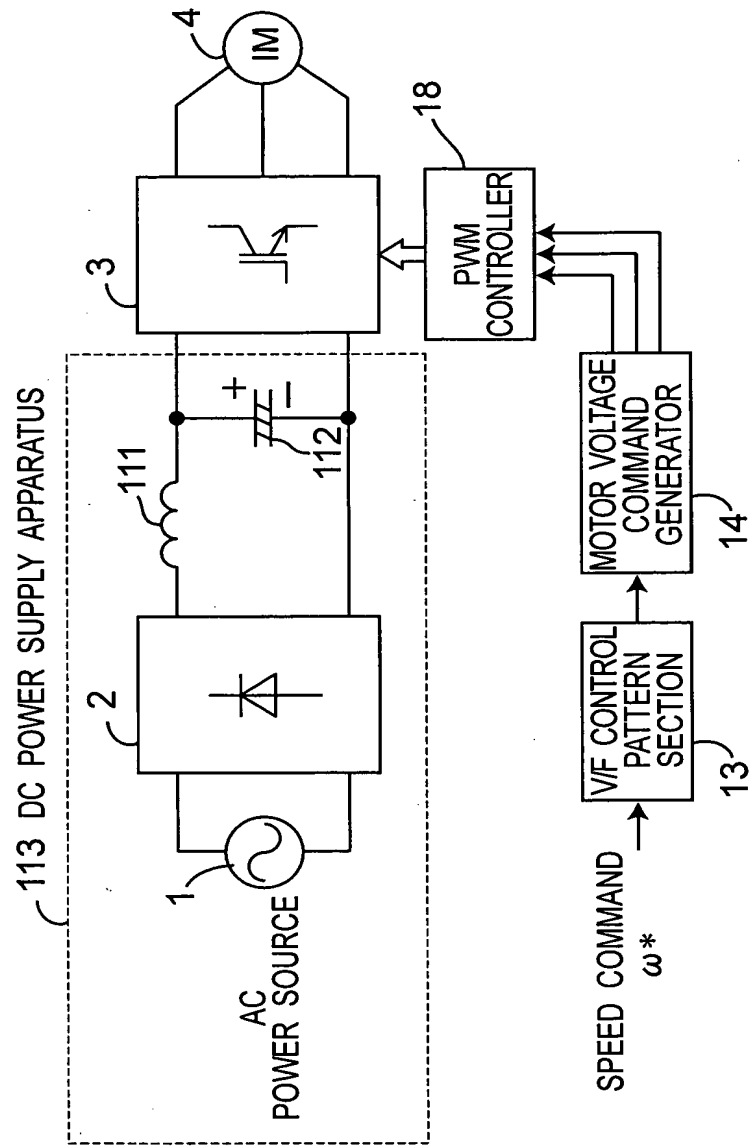


Fig.17

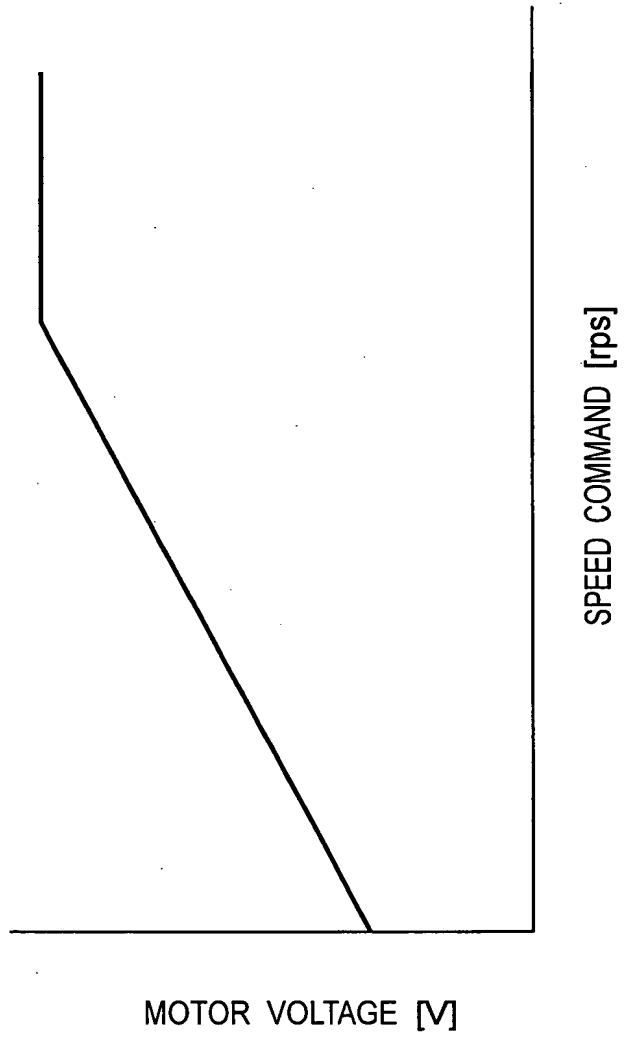


Fig.18

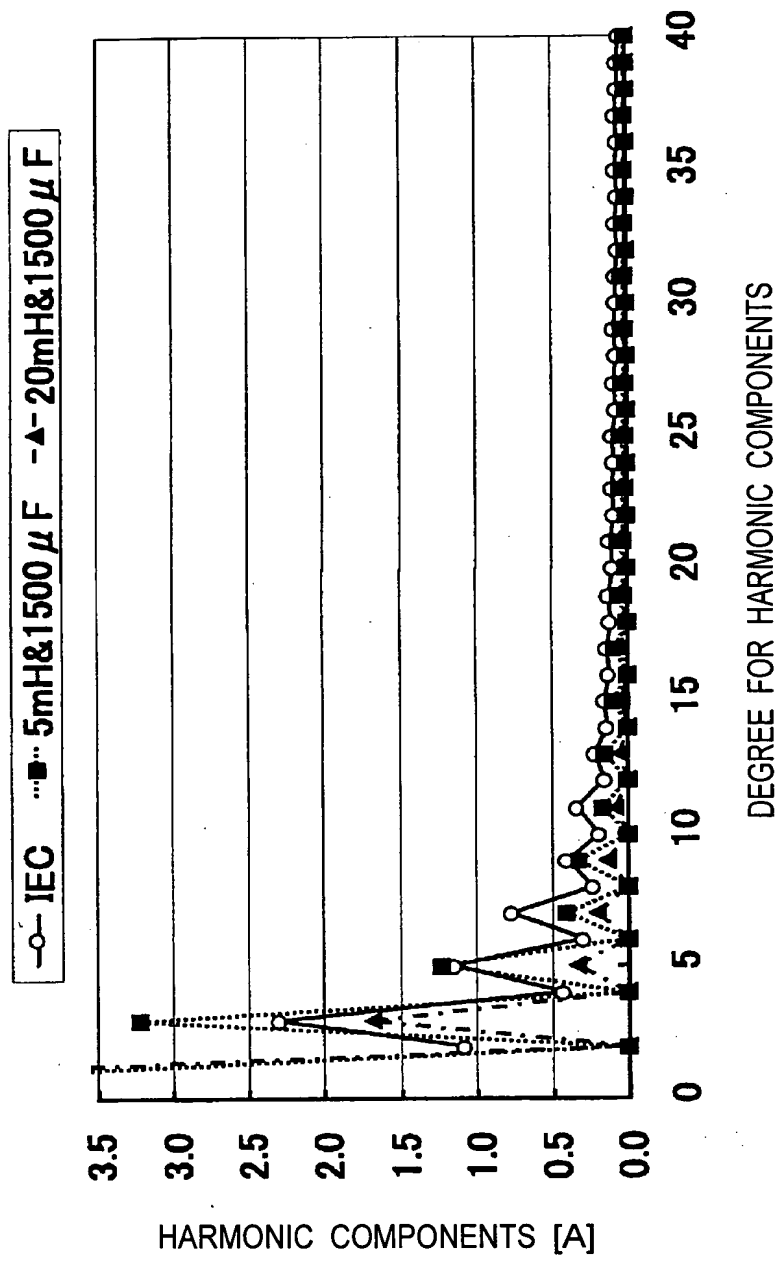


Fig.19

